

IN THE CLAIMS

1. (currently amended) A push button switch comprising:

a housing;

a switch actuator ~~movably~~ supported by the housing and moveable along a switch actuator axis;

an organic light emitting diode display supported by the housing in a position to be viewable by a user of the push button switch; and,

a switch supported by the housing so as to be operable by the switch actuator when the switch actuator moves relative to the housing, wherein the housing is elongated along the switch actuator axis.

2. (original) The push button switch of claim 1 further comprising a transparent cover mounted to the switch actuator such that the transparent cover covers the organic light emitting diode display.

3. (original) The push button switch of claim 2 wherein the transparent cover is mounted to the switch actuator so as to move with the switch actuator, and wherein the organic light emitting diode display is mounted to the housing so that organic light emitting

diode display remains stationary as the switch actuator moves.

4. (original) The push button switch of claim 2 wherein the transparent cover is mounted to the switch actuator so as to move with the switch actuator, and wherein the organic light emitting diode display is mounted to the switch actuator so as to move with the switch actuator.

5. (currently amended) A push button switch comprising:

a housing having a display housing portion and an elongated housing portion extending perpendicularly away from the display portion;

a switch actuator movably supported by the elongated housing portion;

an organic light emitting diode display supported by the display housing portion in a position to be viewable by a user of the push button switch;

a switch supported by the elongated housing portion so as to be operable by the switch actuator when the switch actuator moves relative to the housing; and,

a controller circuit supported by the housing and coupled so as to control the organic light emitting diode display in response to the switch.

6. (original) The push button switch of claim 5 further comprising a transparent cover mounted to the switch actuator such that the transparent cover covers the organic light emitting diode display.

7. (original) The push button switch of claim 6 wherein the transparent cover is mounted to the switch actuator so as to move with the switch actuator, wherein the organic light emitting diode display is mounted to the switch actuator so as to move with the switch actuator, and wherein the controller circuit is mounted to the switch actuator so as to move with the switch actuator.

8. (original) The push button switch of claim 6 wherein the transparent cover is mounted to the switch actuator so as to move with the switch actuator, wherein the organic light emitting diode display is mounted to the switch actuator so as to move with the switch actuator, and wherein the controller circuit is mounted

to the housing so that the controller circuit remains stationary as the switch actuator moves.

9. (original) The push button switch of claim 6 wherein the transparent cover is mounted to the switch actuator so as to move with the switch actuator, wherein the organic light emitting diode display is mounted to display housing portion so that the organic light emitting diode display remains stationary as the switch actuator moves, and wherein the controller circuit is mounted to the housing so that the controller circuit remains stationary as the switch actuator moves.

10. (original) The push button switch of claim 5 wherein the controller circuit is programmed to change displays of the organic light emitting diode display in response to actuation of the switch.

11. (original) The push button switch of claim 5 wherein the controller circuit is programmed to change displays of the organic light emitting diode display in response to passage of time.

12. (original) The push button switch of claim 5 wherein the controller circuit comprises a receiving device that couples the controller circuit to a remote station.

13. (original) The push button switch of claim 12 wherein the controller circuit is programmed from the remote station by way of the receiving device to change displays of the organic light emitting diode display.

14. (original) The push button switch of claim 12 wherein the remote receiving device comprises an RF receiver.

15. (currently amended) An assembly comprising:

a push button switch having a housing, a switch actuator movably supported by the housing, an organic light emitting diode display supported by the housing in a position to be viewable by a user of the push button switch, and a switch supported by the housing so as to be operable by the switch actuator when the switch actuator moves relative to the housing, wherein the housing has at

least a portion that is elongated in a direction
extending perpendicularly away from the organic light
emitting diode display, and wherein the switch is
supported by the elongated portion of the housing; and,

a controller circuit electrically coupled to
the push button switch so as to control the organic light
emitting diode display in response to operation of the
switch.

16. (original) The push button switch of
claim 15 further comprising a transparent cover mounted
to the switch actuator such that the transparent cover
covers the organic light emitting diode display.

17. (original) The push button switch of
claim 15 wherein the organic light emitting diode display
is mounted to the switch actuator so as to move with the
switch actuator, and wherein the controller circuit is
mounted to the housing so that the controller circuit
remains stationary as the switch actuator moves.

18. (original) The push button switch of claim 15 wherein the organic light emitting diode display is mounted to the switch actuator so as to move with the switch actuator, and wherein the controller circuit is mounted to the switch actuator so as to move with the switch actuator.

19. (original) The push button switch of claim 15 wherein the controller circuit is programmed to change displays of the organic light emitting diode display in response to actuation of the switch.

20. (original) The push button switch of claim 15 wherein the controller circuit is programmed to change displays of the organic light emitting diode display in response to passage of time.

21. (original) The push button switch of claim 15 wherein the controller circuit comprises a receiving device that couples the controller circuit to a remote station.

22. (original) The push button switch of claim 21 wherein the controller circuit is programmed from the remote station by way of the receiving device to change displays of the organic light emitting diode display.

23. (original) The push button switch of claim 21 wherein the remote receiving device comprises an RF receiver.

24. (new) The push button switch of claim 1 wherein the elongated housing is externally threaded for threaded attachment to a host device.

25. (new) The push button switch of claim 1 wherein the organic light emitting diode display is arranged to display variable words and/or graphics.

26. (new) The push button switch of claim 5 wherein the elongated housing portion is externally threaded for threaded attachment to a host device.

27. (new) The push button switch of claim 5 wherein the organic light emitting diode display is controlled by the controller circuit to display variable words and/or graphics.

28. (new) The push button switch of claim 15 wherein the elongated portion of the housing is externally threaded for threaded attachment to a host device.

29. (new) The push button switch of claim 15 wherein the organic light emitting diode display is controlled by the controller circuit to display variable words and/or graphics.

30. (new) A push button switch comprising:
a housing;

a switch actuator movably supported by the housing;

an organic light emitting diode display supported by the housing in a position to be viewable by a user of the push button switch, wherein the organic light emitting diode display is mounted to the housing so

that the organic light emitting diode display remains stationary as the switch actuator moves; and,

a switch supported by the housing so as to be operable by the switch actuator when the switch actuator moves relative to the housing.

31. (new) The push button switch of claim 30 wherein the organic light emitting diode display is arranged to display variable words and/or graphics.